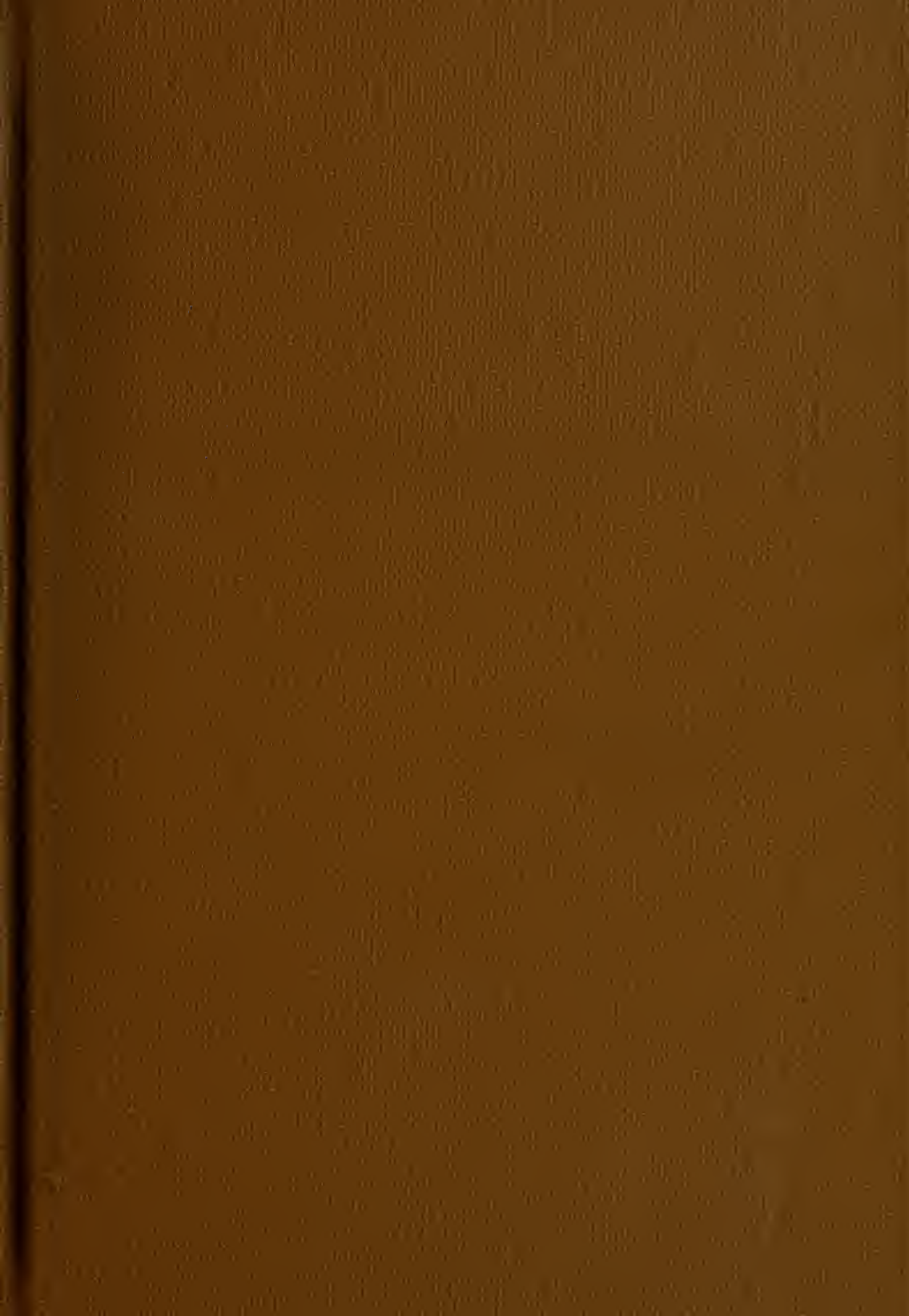
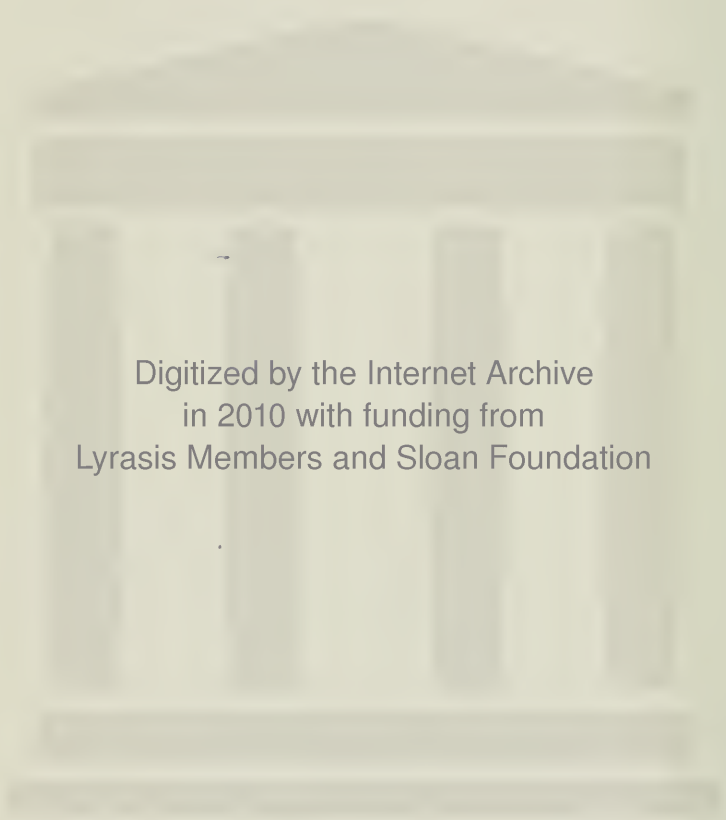
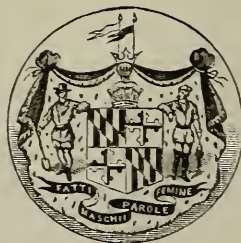






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REPORT
OF
EDWARD S. PHILLIPS
OF DORCHESTER COUNTY
AND
WILLIAM A. SMITH
OF GARRETT COUNTY
THE
COMMISSIONERS OF FISHERIES
OF MARYLAND



1914 - 1915

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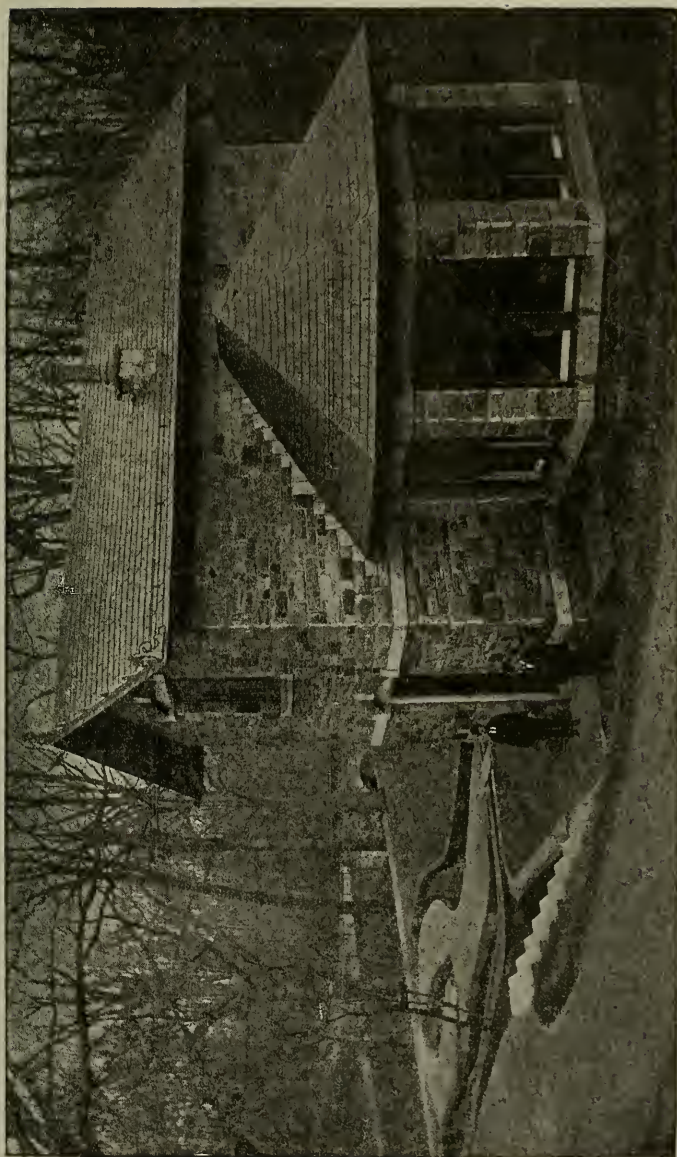
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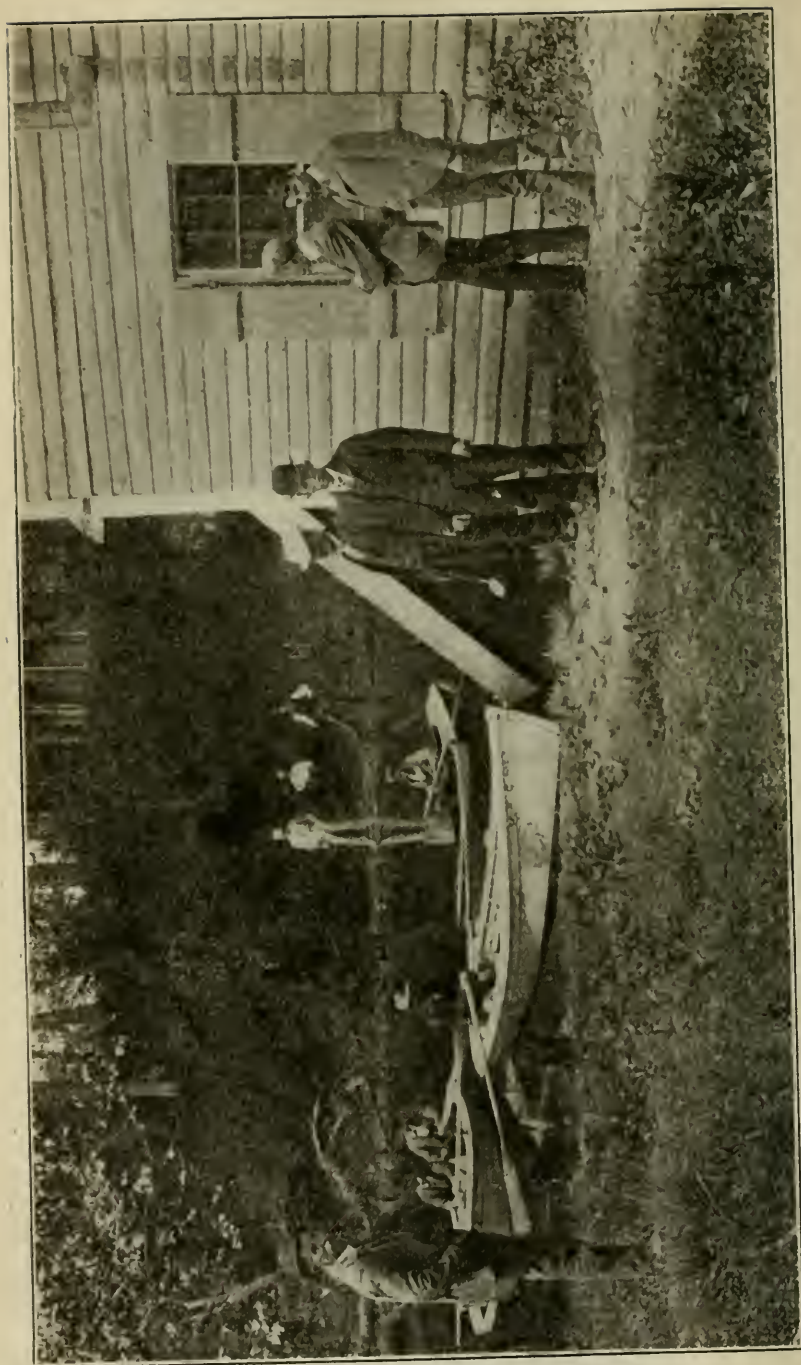
EDWARD S. PHILLIPS,
Commissioner for the Eastern Shore.



W. A. SMITH,
Commissioner for the Western Shore.



STATE FISH HATCHERY, DRUID HILL PARK.



HATCHING STATION, SALISBURY, MD.

LIST OF FISH COMMISSIONERS OF MARYLAND

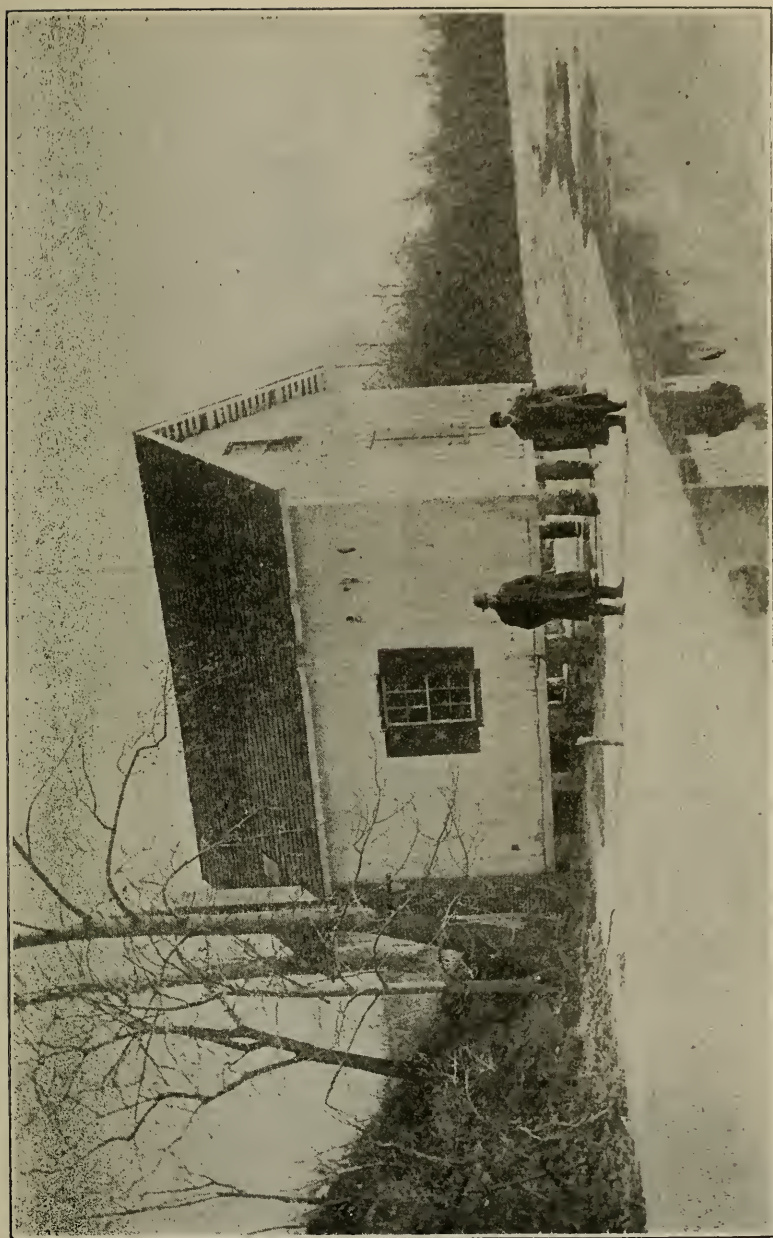
Western Shore.

T. B. FERGUSON.....	1874-1875.....	PHILIP W. DOWNES.
T. B. FERGUSON.....	1876-1877.....	PHILIP W. DOWNES.
T. B. FERGUSON.....	1878-1879.....	THOMAS HUGHLETT, SR.
T. B. FERGUSON.....	1880-1881.....	THOMAS HUGHLETT, SR.
T. B. FERGUSON.....	1882-1883.....	THOMAS HUGHLETT, SR.
G. W. DELAWDER.....	1884-1885.....	DR. E. W. HUMPHREYS.
G. W. DELAWDER.....	1886-1887.....	DR. E. W. HUMPHREYS.
G. W. DELAWDER.....	1888-1889.....	STEPHEN P. TOADVINE.
G. W. DELAWDER.....	1890-1891.....	GRANVILLE R. RIDER.
RICHARD T. BROWNING.....	1892-1893.....	JOHN S. SUDLER.
RICHARD T. BROWNING.....	1894-1895.....	JOHN S. SUDLER.
JOHN E. GNAGEY.....	1896-1897.....	JAMES C. TAWES.
A. F. GEORGE.....	1898-1899.....	JOHN E. STERLING.
JESSE W. DOWNEY.....	1900-1901.....	CLARENCE L. VINCENT.
JESSE W. DOWNEY.....	1902-1903.....	CLARENCE L. VINCENT.
CHARLES F. BROOKE.....	1904-1905.....	JAMES D. ANDERSON.
CHARLES F. BROOKE.....	1906-1907.....	JAMES D. ANDERSON.
JOHN H. WADE.....	1908-1909.....	SAMUEL J. TWILLEY.
JOHN H. WADE.....	1910-1911.....	SAMUEL J. TWILLEY.
WILLIAM A. SMITH.....	1912-1913.....	EDWARD S. PHILLIPS.
WILLIAM A. SMITH.....	1914-1915.....	EDWARD S. PHILLIPS.

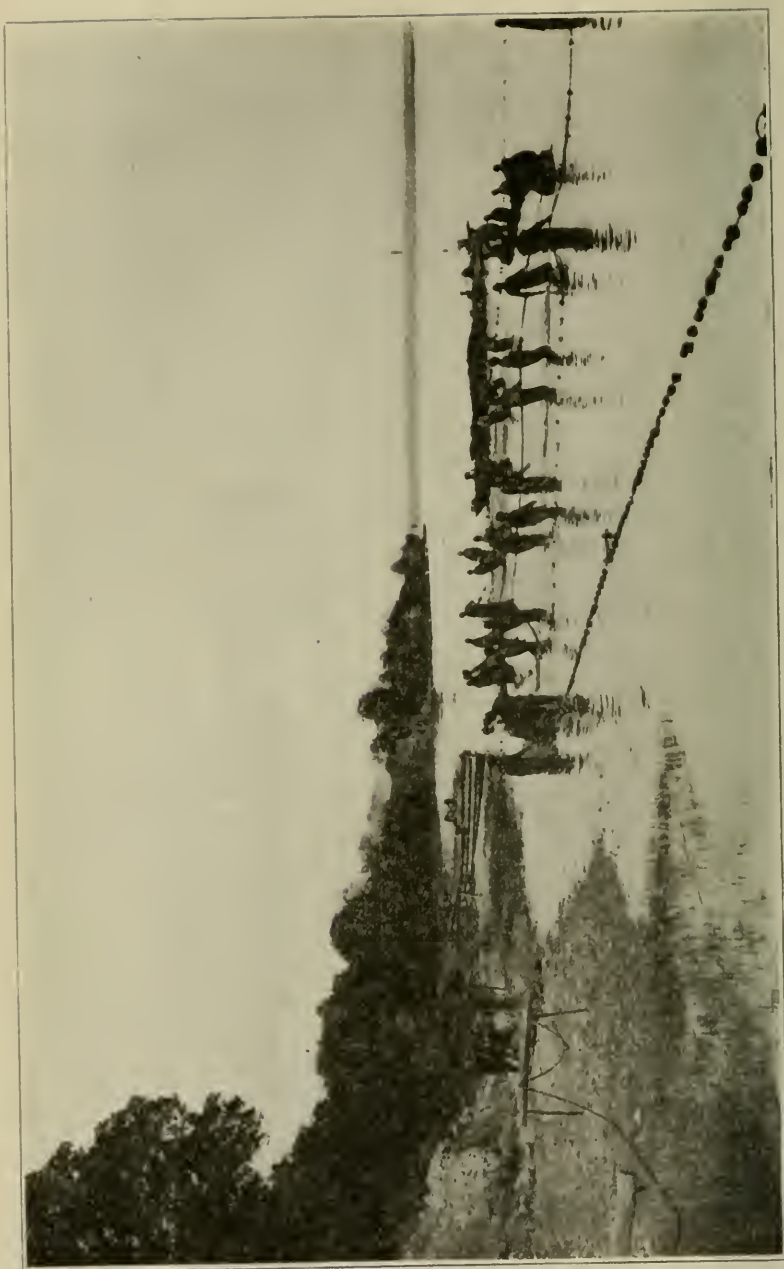
Eastern Shore.



CHOPTANK FISH HATCHING STATION, DENTON, MD.



TUCKAHOE FISH HATCHING STATION, COWARDS POINT, MD.



HAULING SEINE FOR SHAD.

TO HIS EXCELLENCY,

PHILLIPS LEE GOLDSBOROUGH,

GOVERNOR OF THE COMMONWEALTH OF MARYLAND.

SIR: We have the honor to present herewith the biennial report of the Fish Commissioners of Maryland for the years 1914 and 1915, as required by the laws of the State.

After my re-appointment as Fish Commissioner for the Eastern Shore, I went forward with my duties and first work done was to build a new Hatching Station at St. Martins, Worcester County, as the old station had been destroyed by fire.

I also had to build 60 new hatching boxes for the Tuckahoe and Choptank Hatcheries. I wish to state that throughout the term of my office, I have had exceptionally good luck with the hatching of Perch and Shad, as my report will show.

In this report we shall endeavor to show how the propagation of fish by the Commissioners of Fisheries of Maryland is an important and useful work that should commend itself to every thoughtful citizen who values the welfare of his State, for it is no longer a question as to the necessity of fish culture, the only question now is how can it be most successfully done. The office of Fish Commissioners was created by law in this State in the year 1874, when the supply of fish in the rivers was not so scarce as to cause any alarm among the fishermen, hence the work of the Commission was not appreciated and even discouraged by those who were to receive the greater benefit. Many thought it a thing incredible to hatch fish that would live, grow and mature, but like doubting Thomas they saw and believed, and now fishermen everywhere know it can be done. Their only anxiety about the matter now is to have it well done. To this we should all agree, for if the propagation of fish is a necessity, as we believe it to be, the work should be well done; neither time nor expense should be thought mispent in perfecting the work begun, for if the work be a necessity, why not use every method of improvement wisely suggested to make the work a success.

I have had in my employ a very efficient force at each of my fish hatching stations. Mr. Gilbert Hagadone, my Deputy at Denton, Caroline County, has been a very efficient officer and has worked hard to make our work a success. He has taken great interest in the enterprise.

Your Commission for the Western Shore desires to report

that after being re-appointed as Fish Commissioner for the Western Shore of Maryland he continued his duties.

During the winter of 1913, I placed on the screens at Maryland State Hatchery, Druid Hill Park, Baltimore, 709,000 brook trout eggs, which was all we could handle at one time; these hatched out nicely and we were congratulating ourselves on what a nice lot of fish fry we would have to distribute in the early spring, when on the morning of January 27th, at 9 A. M., the Water Department shut off the water supply. We immediately put our men to carrying water to save our hatch, and notified the Water Department, when they gave us a temporary connection on another line, but in order to purify the water they were using hypo-chloride of lime, which was very injurious to our hatch; again on February 22nd, also on March 22nd, and last on April 3rd, this was done, when we only had a very few fish fry left. The City Water Department told me this was unavoidable, as they were draining the water from the high service reservoir on account of certain work which was being done there in connection with the erection of a new pumping station at that point, but I am glad to say that they have now given the State a new three-inch tap on their main line, which gives us pure water and plenty of it, and I do not think anything like this will happen again.

We now have orders placed for half a million eyed trout eggs, which will be placed on the screens and hatched out and distributed to the different streams of the State.

We have many letters from persons expressing their appreciation of the work done by the State towards restocking the streams.

We have also placed orders for perch eggs, enough to supply our demands for the spring of 1916.

I am sorry that the pollution of the streams of the State by mills, canning factories and tanneries continues.

We again recommend that a law be passed regulating the setting of fish pounds, dikes and other kinds of fish traps. Something must be done to give the shad free access to the spawning grounds. The shad must have access to the rivers where it spawns or else the supply will be cut off.

I want to make special mention of my Deputy, Captain L. H. Kuhn, who did all he could to make our work a success, as did also my assistants at the Park Hatchery.

We desire to express our thanks to the United States Fish Commission for courtesies extended the Maryland Fish Com-

mision, and to the State Game Warden, Hon. James P. Curley, for his co-operation with our work.

We also want to thank your Excellency for the great interest you have manifested in the work we are doing.

Respectfully submitted,

EDWARD S. PHILLIPS,

Fish Commisioner for the Eastern Shore.

W. A. SMITH,

Fish Commissioner for the Western Shore.



SWALLOW FALLS ON YOUGHIOGHENY RIVER, GARRETT
COUNTY, MARYLAND.



FALLS OF MUDDY CREEK, GARRETT COUNTY.

We have the following application for Trout for spring delivery:

Distribution of Brook Trout From Maryland State Hatchery, Druid Hill Park, 1912-1915

<i>Date.</i>	<i>Applicant.</i>	<i>Where Distributed.</i>
March 5—	George W. Harris.....	Beech Creek Run, Balto. Co.
March 5—	A. T. Harris.....	Birch Run, Balto. Co.
March 15—	Zadock Friend.....	Salt Block, Garrett Co.
March 15—	Richard Friend.....	Salt Creek, Garrett Co.
March 18—	Dougald McLean.....	McLean's Run, Garrett Co.
March 18—	J. F. Lewis.....	Muddy Creek, Garrett Co.
March 18—	J. F. Friend.....	Crabtree Run, Garrett Co.
March 18—	J. F. Lewis.....	Murley Run, Garrett Co.
March 18—	George D. White.....	Stream in Garrett Co.
March 18—	J. F. Friend.....	Crabtree Run, Garrett Co.
March 18—	L. H. Friend.....	Stream in Garrett Co.
March 18—	J. F. Glotfelty.....	Stream in Garrett Co.
March 18—	James W. Wolfinger.....	March Run, Washington Co.
March 18—	James W. Wolfinger...	Warner Gap Stream, Washington Co.
March 18—	James W. Wolfinger...	Raven Rock Stream, Washington Co.
March 19—	Thad. Glotfelty.....	Cherry Creek, Garrett Co.
March 20—	J. Mahlon Speicher.....	Bear Creek, Garrett Co.
March 20—	A. L. Lee.....	Short Run, Garrett Co.
March 20—	A. L. Lee.....	Wolf Den Run, Garrett Co.
March 20—	G. Semmes Hamill, Jr.....	Harrington Creek, Garrett Co.
March 20—	T. W. Casteel.....	Edgewood, Garrett Co.
March 20—	Charles Liller.....	Murley Run, Garrett Co.
March 20—	R. E. Sliger.....	Wilson Lake, Garrett Co.
March 20—	Percy T. Bloggs.....	Stream in Baltimore Co.
March 20—	Talbot Denmead.....	Four Streams in Baltimore Co.
March 20—	R. Ragan Spencer.....	North Run, Baltimore Co.
March 20—	W. Champ Robinson.....	Dipping Pond, Baltimore Co.
March 21—	R. J. Williams.....	Trout Stream, Howard Co.
March 21—	John Bossler.....	Pond in Howard Co.
March 21—	F. G. Fisher.....	Little Savage, Allegany Co.
March 21—	Peter McFarland.....	Big Savage River, Garrett Co.
March 21—	G. W. Browning.....	Hoyes Run, Garrett Co.
March 21—	Henry M. Speicher.....	Speicher Run, Garrett Co.
March 21—	F. O. Glotfelty.....	Bear Creek, Garrett Co.
March 21—	L. H. Friend.....	Crabtree Run, Garrett Co.
March 24—	C. J. Otto.....	Stream in Garrett Co.
March 25—	C. C. Beachy.....	Castleman River, Garrett Co.
March 25—	J. C. Renninger.....	Delawder Run, Garrett Co.
March 25—	William R. Offutt.....	Delawder Run, Garrett Co.
March 26—	G. J. Gnagey.....	Laurel Run, Garrett Co.
March 26—	G. J. Gnagey.....	Castleman River, Garrett Co.
March 26—	Alfred Friend.....	White Rock, Garrett Co.
March 26—	R. J. M. McCandlish.....	Pool in Washington Co.
March 26—	Richard P. Dorsey.....	Pond in Baltimore Co.
March 28—	George Walters.....	Trout Stream, Garrett Co.
March 28—	Brisson Glotfelty.....	Glade Run, Garrett Co.

<i>Date.</i>	<i>Applicant.</i>	<i>Where Distributed.</i>
March 28—	George Walters.....	Yough Stream, Garrett Co.
March 29—	J. Alvin Friend.....	Salt Block, Garrett Co.
March 29—	Walter H. Friend.....	Fork Run, Garrett Co.
March 31—	Elijah Friend.....	White Rock, Garrett Co.
April 1—	Arthur Chisholm.....	Bear Creek, Garrett Co.
April 1—	Arthur Chisholm.....	North Fork, Bear Creek, Garrett Co.
April 2—	Frank R. Crothers.....	Powderville Stream, Washington Co.
April 2—	C. C. Walters.....	Hess Run, Washington Co.
April 4—	C. H. Brown.....	Owens Creek, Frederick Co.
April 4—	Rudolph O. Eyles.....	Bear Branch, Frederick Co.
April 7—	George C. Kinna.....	Hunting Creek, Frederick Co.
April 7—	J. Howard Creeger.....	High Run, Frederick Co.
April 7—	Frank W. Fraley.....	Furnace Creek, Frederick Co.
April 7—	Frank Key Gilmore.....	Cowens Run, Baltimore Co.
April 7—	John Bowman.....	Stream in Garrett Co.
April 7—	Nimrod Glatfelly.....	Cherry Creek, Garrett Co.
April 7—	Stephen Casteel.....	Stream in Garrett Co.
April 7—	N. C. Browning.....	Sang Run, Garrett Co.
April 8—	M. L. Savage.....	Hoyes Run, Garrett Co.
April 9—	Sam Fortner.....	Buffalo Run, Garrett Co.
April 9—	Josiah T. Beckman.....	Brook in Garrett Co.
April 13—	Newton Savage.....	Laurel Run, Garrett Co.
April 17—	W. D. Collier.....	Bear Creek, Garrett Co.
April 17—	E. M. Coddington.....	Bear Creek, Garrett Co.
April 22—	C. W. Friend.....	Buffalo Run, Garrett Co.
April 17—	D. S. Custer.....	Bear Creek, Garrett Co.
April 17—	E. M. Coddington.....	Bear Creek, Garrett Co.
April 29—	John R. Browning.....	Pond in Garrett Co.
May 12—	William Raley.....	Stream in Garrett Co.
May 12—	T. Davis Hill.....	Hoods Pond, Baltimore Co.

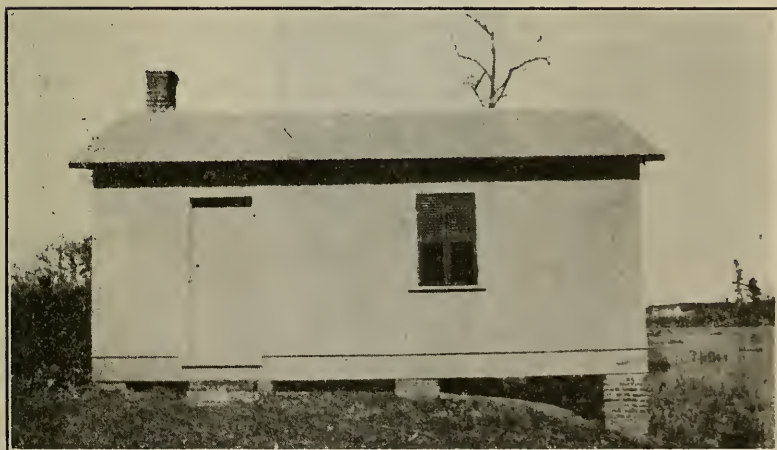
April 18, 1914—Severn River Association, Annapolis, Md., for Severn River, one million five hundred thousand yellow perch.

We have the following applications for Trout for spring delivery :

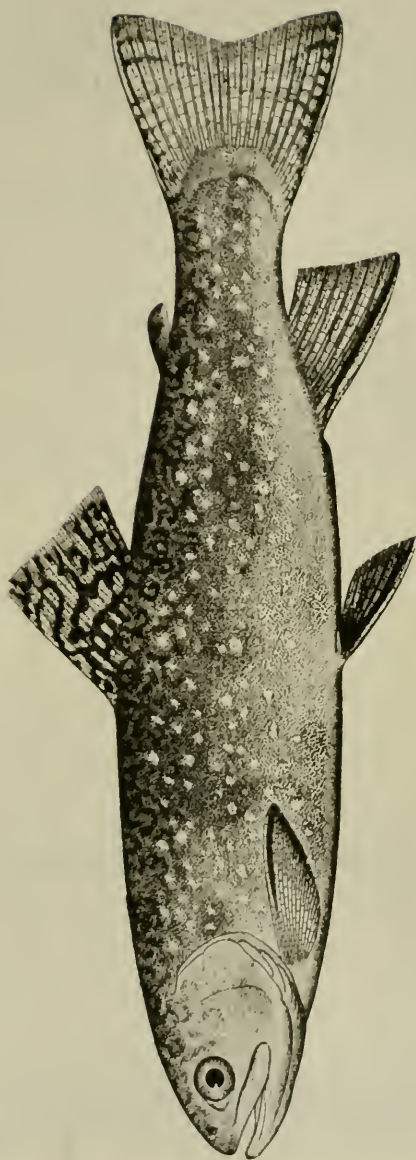
F. A. Dolfield.....	Chimney Branch, Baltimore Co.
John Walkington.....	Morgan Run, Carroll Co.
George R. Webb.....	Hyde Run, Baltimore Co.
T. H. Fichett.....	Loch Raven, Baltimore Co.
Philip A. Lauman.....	Tuck Run, Howard Co.
George R. Stonebraker.....	Marsh Run, Washington Co.
Ulysses Duvall.....	Powder Run, Carroll Co.
E. L. Steckman.....	Cresap Run, Allegany Co.
John Shearer.....	Matthews Run, Allegany Co.
Bruce S. Zeller.....	Downsville Run, Washington Co.
German S. Bussard.....	Troops Run, Washington Co.
George J. Wittington.....	Mill Run, Allegany Co.
George N. Beall.....	Savage Run, Allegany Co.
Homer C. Fink.....	Rock Creek, Frederick Co.
F. A. Dolfield.....	Red Run, Baltimore Co.
George Blackston.....	Roland Run, Baltimore Co.
George W. Harris.....	Powell Branch, Baltimore Co.



SWALLOW FALLS ON YOUGHIOGHENY RIVER, GARRETT
COUNTY, MARYLAND



ST. MARTINS FISH HATCHING STATION FOR PERCH.



BROOK TROUT.

BROOK TROUT.

There are few anglers who are not acquainted with this most beautiful and graceful of fishes. It is more eagerly sought after, and by the majority of fresh water sportsmen it is prized more than any other fish of the finny tribe, while the epicure regards its flesh as unsurpassed for delicacy and richness of flavor, unquestionably the pure cold water and the unusually picturesque character of the streams in which the Brook Trout lives has something to do with making this fish a general favorite among sportsmen, but undoubtedly its splendid game qualities and other inherent good points have done more than anything else to achieve this end.

The merest tyro in the art of fishing who has killed but few trout, while he may not agree, will forgive the angler who declares it the gamest fish that swims.

A well-known angler in Pennsylvania many years ago declared that to play a speckled trout gave him a higher and keener sense of delight than to hook and play a lordly black bass. "Both," he said, "make a glorious and intelligent struggle for life, but there the comparison ends. The trout fights like a trained athlete, the bass like a savage. One arouses my admiration, the other my blood. With one I feel as though engaged in a friendly contest, with the other almost as though it was the life of either myself or the bass."

But there is another reason why we, of Maryland and other Eastern States, take a particular pride in the speckled trout. It belongs to us. It is indigenous to our waters, as its natural habitat is east of the Rocky Mountains and the Great Lakes.

Like most of the true salmon tribe, the trout are truly fresh water fishes, but when afforded opportunities delight to take excursions into the salt water, where they seem to thrive and increase in size.

But wherever the trout have their homes the water must be pure. It prefers a temperature of from 50 to 55 degrees, but will live and do well, if other conditions are favorable, at even 68 degrees or even 70 degrees, especially if the water is largely foam tossed and otherwise very rapid running and broken.

Given suitable water and plenty of food, the brook trout does not seem to care much whether a stream be mostly sunkissed or embraced wholly by dark shadows, provided there are plenty

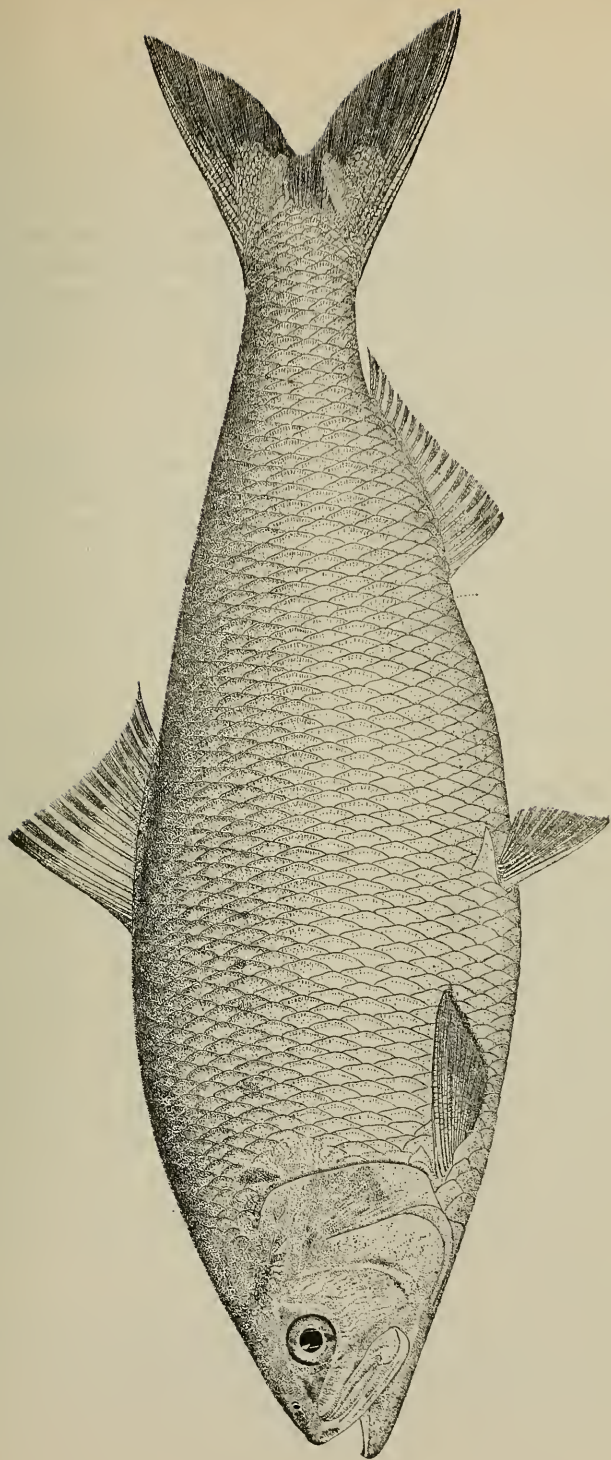
of lurking places from which to watch for the coming of its food.

Only in deep, placid and dark pools do they wander at all. In the other localities the largest and the strongest fish take the best lair, the next accept second place, and so on, and in their chosen localities they remain nose up stream waiting for their prey, seldom going more than a few feet, except in spawning time, when frightened or in pursuit of something edible that comes under its marvelous vision. In all cases, however, as long as they live, unless some better place chances to offer, they return to the same spot. This well-known characteristic affords the basis of many an angler's story of the cunning of some aged speckled monster that for years defied persistent efforts for his capture, even when the most captivating lures offered, until the fortunate narrator came along.

While the brook trout sometimes reaches the weight of two pounds or more in Maryland waters, the average taken are from seven to nine inches long, although from ten to fifteen are not rare, but the last named size is seldom exceeded, anything over generally excites attention and the story of the catch will wander some distance beyond the vicinity in which it is made.

From October to February or March is the spawning period of the brook trout, and the eggs are deposited in a nest of gravel and incubate in from 50 to 90 days, according to the temperature of the water, and in about 18 months grow to a catchable size.

It is in the artificial hatching of trout that the general government, the Fish Commission of Maryland, in common with the other States, have shown a decided superiority to nature. By the methods of the latter a large portion of the 800 to 1000 eggs laid by the female trout are not fertilized, and of those that are, not over ten per cent. are hatched. By artificial impregnation and incubation from 90 to 97 per cent. of the eggs produce trout fry, and of these practically all live to an age suitable to be deposited in different streams of the State.



SHAD.

SHAD.

A great many persons have asked us how we know the shad returns to the place of its birth, and it gives us pleasure to tell the story in a condensed form so that the fact that the young shad will return in two or three years from the time it is planted to the river in which it is placed will be so impressed upon the minds of all that not a doubt will exist.

Prior to 1871, the shad was unknown to the Pacific Coast. That year the United States Fish Commission carried from Havre de Grace, Maryland, a number of young shad, such as we plant now in the rivers of this State, and planted them in the Sacramento River, California. Two years later the first shad ever seen in California waters was caught, the next year more were captured, and the number has increased from year to year until now California produces millions of the finest shad known.

After the shad spawns in the spring it returns again to the ocean; the young do the same, and return full grown to the fresh water stream where they first entered into life ready to commence the increase of their kind.

The periodic movement of shad from the ocean into the fresh water streams of the Atlantic Coast is one of its most characteristic and well known habits. This migration begins in the early winter in Florida and involves all suitable streams as far north as the Gulf of St. Lawrence, which is reached in midsummer. The influx in each basin proceeds gradually from south to north, and the arrival in a given locality is usually about the same time each year and can be predicted with considerable accuracy. Prior to the regular advent of the schools, no shad are in the rivers, and after the completion of the spawning process, which ensues immediately on reaching the headwaters, the adults return to the salt water and only stragglers are found during the remainder of the season or until the following year.

As shad enter the rivers only for the purpose of spawning, the fisheries are necessarily prosecuted during the spawning season and often upon the favorite spawning grounds, so that the number of shad that reach fresh water is therefore greatly

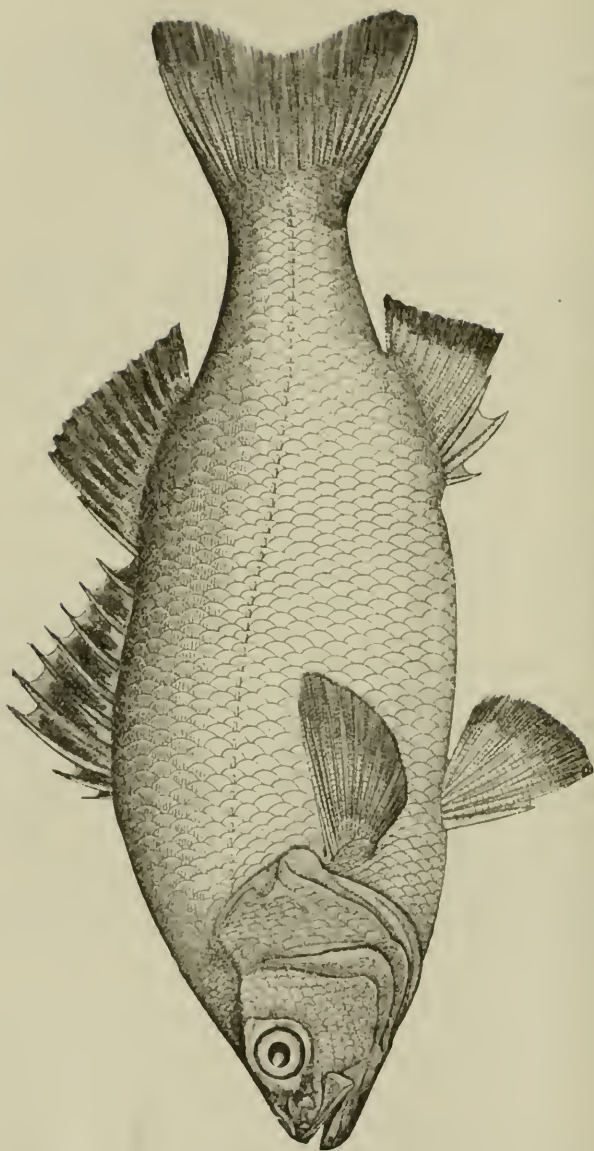
curtailed by assiduous fishing with all kinds of contrivances in the estuaries and in the mouths and lower parts of the rivers. Under these conditions of a restricted spawning area, and with the increased netting, shad will soon be exterminated, without artificial propagation. Some means should be devised so that the shad can reach the head waters of the Chesapeake and its tributaries to the natural spawning grounds.

YELLOW PERCH.

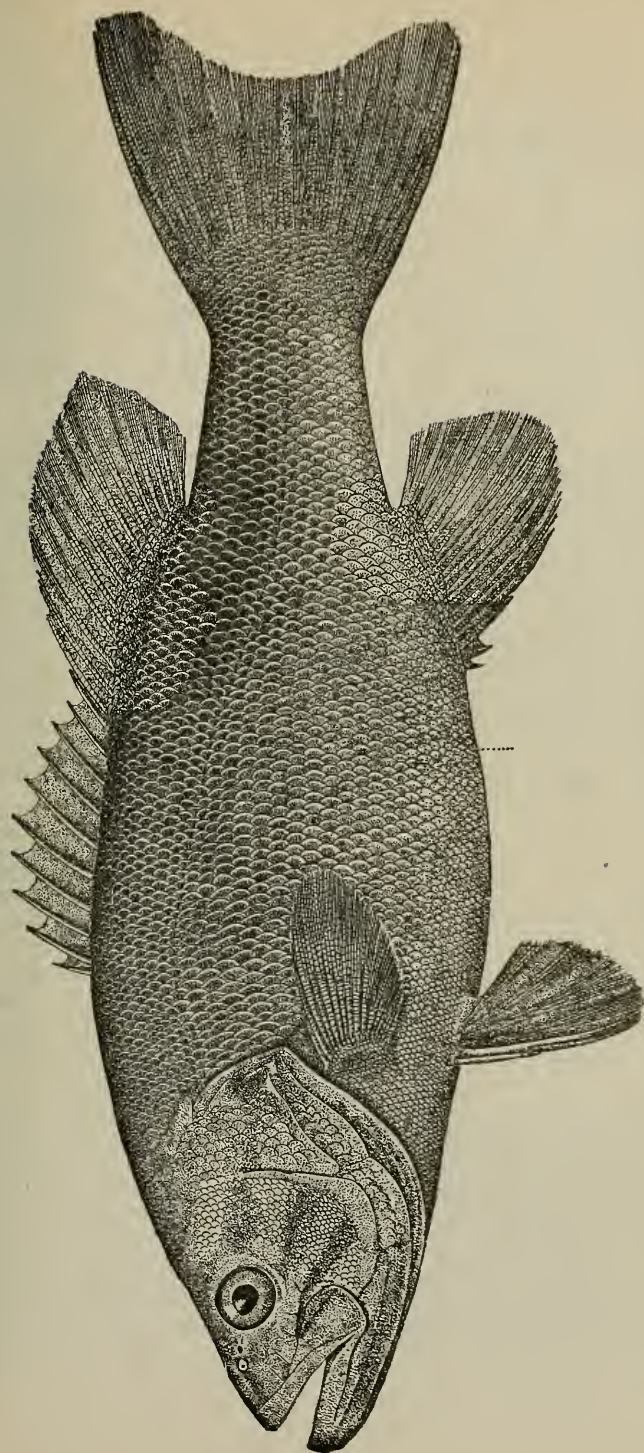
This fish is now greatly in demand as a winter fish. In most parts of its range it is highly esteemed, and in many places it is of a very considerable commercial importance, and this can truthfully be said of our own State. The Baltimore markets are an evidence of this statement. In the winter a visit to the fish stalls in the several markets of Baltimore City will convince one that the commercial value of the yellow perch has not been overstated by your Commissioners.

As a game fish the yellow perch can be commended chiefly on account of the fact that anybody can catch it. It can be taken with the hook and line any month in the year and with any kind of bait—angle worms, grubs, small minnows, pieces of fish and the artificial fly. It is easily taken through the ice in winter, when small minnows are the best bait. A yellow perch in the Fish Commission aquarium at Washington deposited a string of eggs three feet four inches long, four inches wide at one end and two at the other. After being fertilized this string weighed two pounds nine ounces, while the weight of the fish before the eggs were discharged was one pound eight ounces. The eggs are very small, measuring only one-eighteenth of an inch in diameter and requiring 28,000 to the quart.

This fish is not prized so highly as the white perch, but it is an excellent substitute when the white perch is unobtainable.



WHITE PERCH.



BLACK BASS.

Tuckahoe Hatching Station, 1914

YELLOW PERCH.

		<i>Perch Stripped.</i>	<i>Eggs Obtained.</i>
March	23.....	150	4,200,000
"	24.....	300	8,400,000
"	25.....	600	16,800,000
"	26.....	1000	28,000,000
"	27.....	500	14,000,000
"	28.....	210	5,880,000
Total.....		2760	77,280,000

DISTRIBUTION OF YELLOW PERCH.

April	10—Station, Tuckahoe River.....	3,075,000
"	12—Millington, Chester River.....	1,500,000
"	14—Station, Tuckahoe River.....	6,000,000
"	15—Skipton Creek, Miles River.....	1,500,000
"	16—Wye Mills, Wye River.....	1,500,000
"	17—Station, Tuckahoe River.....	5,000,000
"	19—Lloyds, Tuckahoe River.....	2,500,000
"	20—Knotts Mills, Tuckahoe River.....	4,000,000
"	20—Station, Tuckahoe River.....	5,000,000
"	20—Little Black Water, Dorchester Co.....	5,000,000
"	20—Big Black Water, Dorchester Co.....	5,000,000
"	20—Station, Tuckahoe River.....	8,000,000
"	21—Centreville, Corsica River.....	5,000,000
"	22—Station, Tuckahoe River.....	3,585,000
Total.....		56,660,000

WHITE PERCH.

		<i>Perch Stripped.</i>	<i>Eggs Obtained.</i>
April	4.....	55	1,650,000
"	6.....	120	3,720,000
"	8.....	150	4,500,000
"	10.....	45	1,350,000
"	12.....	171	7,130,000
"	13.....	100	3,000,000
"	16.....	50	1,500,000
Total.....		691	22,850,000

DISTRIBUTION OF WHITE PERCH.

April	22—Station, Tuckahoe River.....	500,000
"	22—Lloyds, Tuckahoe River.....	500,000
"	24—Knott's Mill Creek, Tuckahoe River.....	500,000
"	25—Wye Mills, Wye River.....	500,000
"	25—Centreville, Corsica River.....	500,000
May	5—Little Black Water, Dorchester Co.....	500,000
"	5—Big Black Water, Dorchester Co.....	500,000
"	8—Station, Tuckahoe River.....	2,500,000
"	10—Moore's, Tuckahoe River.....	1,000,000
"	10—Knatt's Mill Creek.....	2,000,000
"	11—Station, Tuckahoe River.....	2,425,000
Total.....		11,425,000

SHAD.

		<i>Shad Stripped.</i>	<i>Eggs Obtained.</i>
April 16.	.....	4	112,000
" 18.	.....	3	84,000
" 19.	.....	5	140,000
" 21.	.....	2	56,000
" 22.	.....	4	112,000
" 24.	.....	4	112,000
" 27.	.....	3	84,000
May 2.	.....	4	112,000
" 3.	.....	5	140,000
" 4.	.....	2	56,000
" 8.	.....	5	140,000
" 9.	.....	4	112,000
" 10.	.....	6	168,000
" 11.	.....	3	84,000
" 12.	.....	2	56,000
" 15.	.....	3	84,000
" 16.	.....	4	112,000
" 18.	.....	1	28,000
" 19.	.....	1	28,000
" 20.	.....	3	84,000
" 21.	.....	1	28,000
" 22.	.....	2	56,000
" 23.	.....	1	28,000
" 23.	.....	3	84,000
" 25.	.....	4	112,000
" 26.	.....	9	252,000
Total.	.....	88	2,464,000

DISTRIBUTION OF SHAD.

April 26—Station, Tuckahoe River.	.....	100,000
" 27—Lloyd's, Tuckahoe River.	.....	75,000
" 28—Moore's, Tuckahoe River.	.....	100,000
" 30—Station, Tuckahoe River.	.....	50,000
May 2—Little Black Water, Dorchester Co.	.....	100,000
" 2—Big Black Water, Dorchester Co.	.....	100,000
" 4—Station, Tuckahoe River.	.....	75,000
" 10—Wye Mills, Wye River.	.....	150,000
" 12—Centreville, Corsica River.	.....	150,000
" 14—Millington, Chester River.	.....	150,000
" 14—Station, Tuckahoe River.	.....	50,000
" 16—Knott's Mill Creek, Tuckahoe River.	.....	100,000
" 18—Station, Tuckahoe River.	.....	200,000
" 22—Station, Tuckahoe River.	.....	100,000
" 23—Station, Tuckahoe River.	.....	50,000
" 24—Station, Tuckahoe River.	.....	25,000
" 25—Station, Tuckahoe River.	.....	75,000
" 26—Station, Tuckahoe River.	.....	100,000
" 27—Station, Tuckahoe River.	.....	200,000
Total.	.....	1,950,000

Tuckahoe Hatching Station, 1915

YELLOW PERCH.

	<i>Perch Stripped.</i>	<i>Eggs Obtained.</i>
Mar. 16.....	40	1,120,000
" 17.....	160	4,480,000
" 18.....	200	5,600,000
" 19.....	320	8,960,000
" 20.....	400	1,200,000
" 22.....	320	8,960,000
" 23.....	120	3,360,000
" 25.....	120	3,360,000
Total.....	1680	47,040,000

DISTRIBUTION OF PERCH.

April 10—Station, Tuckahoe River.....	540,000
" 12—Station, Tuckahoe River.....	3,000,000
" 13—Moore Branch, Choptank River.....	1,000,000
" 14—Fred Avon, Tan Yard Bridge.....	500,000
" 14—Knott's Mill Creek, Tuckahoe River.....	2,500,000
" 16—Station, Tuckahoe River.....	3,000,000
" 17—Wye Mills, Wye River.....	500,000
" 19—Todd's Mill Creek.....	1,000,000
" 20—Station, Tuckahoe River.....	10,000,000
" 20—Little Black Water River.....	500,000
" 20—Big Black Water, Dorchester Co.....	500,000
" 20—Transquakin River, Dorchester Co.....	5,000,000
" 22—Station, Tuckahoe River.....	5,000,000
" 22—Lloyd's Branch, Tuckahoe River.....	1,000,000
" 22—Deep Branch.....	1,000,000
" 24—Centreville, Corsica River.....	500,000
" 24—Station, Tuckahoe River.....	6,000,000
Total.....	37,040,000

WHITE PERCH.

	<i>Perch Stripped.</i>	<i>Eggs Obtained.</i>
April 1.....	44	880,000
" 5.....	36	720,000
" 6.....	67	1,340,000
" 7.....	23	460,000
" 8.....	67	1,340,000
" 9.....	303	6,060,000
" 10.....	449	8,980,000
" 12.....	109	2,180,000
" 13.....	9	180,000
Total.....	1107	22,140,000

DISTRIBUTION OF PERCH.

April 17—Station, Tuckahoe River.....	700,000
" 19—Lloyd's Branch, Tuckahoe River.....	750,000
" 19—Moore's Mill Creek, Tuckahoe River.....	750,000
" 19—Knott's Mill Creek.....	1,000,000

April 20—Station, Tuckahoe River.....	1,000,000
“ 22—Station, Tuckahoe River.....	750,000
“ 23—Millington, Chester River.....	750,000
“ 24—Eureka Mills, Miles River.....	750,000
“ 28—Station, Tuckahoe River.....	1,500,000
“ 29—Federalsburg, Nanticoke River.....	750,000
“ 30—Station, Tuckahoe River.....	2,000,000
Total.....	11,700,000

SHAD.

	<i>Shad Stripped.</i>	<i>Eggs Obtained.</i>
April 20.....	4	120,000
“ 21.....	6	180,000
“ 22.....	4	120,000
“ 24.....	5	150,000
“ 29.....	3	90,000
May 1.....	5	150,000
“ 3.....	7	210,000
“ 4.....	4	120,000
“ 5.....	6	180,000
“ 6.....	3	90,000
“ 11.....	10	300,000
“ 12.....	3	90,000
“ 13.....	3	90,000
“ 14.....	5	150,000
“ 17.....	3	90,000
“ 18.....	4	120,000
“ 19.....	2	60,000
“ 23.....	3	90,000
Total.....	80	2,400,000

DISTRIBUTION OF SHAD.

April 29—Station, Tuckahoe River.....	100,000
May 1—Centreville, Corsica River.....	150,000
“ 3—Millington, Chester River.....	100,000
“ 5—Little Black Water, Dorchester Co.....	125,000
“ 7—Big Black Water, Dorchester Co.....	100,000
“ 8—Transquakin River, Dorchester Co.....	125,000
“ 11—Station, Tuckahoe River.....	200,000
“ 12—Lloyd's, Tuckahoe River.....	100,000
“ 14—Wye Mills, Wye River.....	150,000
“ 15—Station, Tuckahoe River.....	75,000
“ 17—Moore's Branch, Tuckahoe River.....	150,000
“ 19—Station, Tuckahoe River.....	200,000
“ 20—Hill Share, Tuckahoe River.....	75,000
“ 21—Station, Tuckahoe River.....	125,000
“ 26—Station, Tuckahoe River.....	125,000
Total.....	1,900,000

Choptank Hatching Station, 1914

	<i>Perch Stripped.</i>	<i>Eggs Obtained.</i>
March 23.....	280	7,840,000
" 24.....	400	11,200,000
" 25.....	600	16,800,000
" 26.....	800	22,400,000
" 27.....	600	16,800,000
" 28.....	300	8,400,000
Total.....	2980	83,440,000

DISTRIBUTION OF YELLOW PERCH, CHOPTANK.

April 10—Station, Choptank River.....	1,000,000
" 12—Millington, Chester River.....	1,000,000
" 23—Greensboro, Choptank River.....	5,000,000
" 12—Deep Bend, Choptank River.....	2,000,000
" 14—Station, Choptank River.....	5,000,000
" 16—Brick Mill, Choptank River.....	5,000,000
" 16—Saw Mill Creek, Choptank River.....	5,000,000
" 19—Federalsburg Nanticoke.....	5,000,000
" 19—Station, Choptank River.....	10,000,000
" 20—Wye Mills, Wye River.....	1,000,000
" 20—Centreville, Corsica River.....	1,000,000
" 20—Shipton Creek.....	2,000,000
" 20—Station, Choptank River.....	5,000,000
" 20—Williston, Choptank River.....	5,000,000
" 20—Little Black Water, Dorchester Co.....	1,500,000
" 20—Big Black Water, Dorchester Co.....	1,500,000
" 20—Chicamacomico, Dorchester Co.....	1,500,000
" 22—Transquakin, Dorchester Co.....	1,500,000
" 23—Station, Choptank River.....	5,000,000
" 23—Watts Creek, Choptank River.....	1,000,000
" 24—Station, Choptank River.....	1,750,000
Total.....	66,750,000

WHITE PERCH.

	<i>Perch Stripped.</i>	<i>Eggs Obtained.</i>
April 1.....	63	1,890,000
" 2.....	89	2,670,000
" 3.....	36	1,080,000
" 4.....	173	5,190,000
" 5.....	12	360,000
" 6.....	171	5,130,000
" 7.....	153	4,590,000
" 8.....	12	360,000
" 9.....	57	1,710,000
" 10.....	60	1,800,000
" 10.....	60	1,800,000
" 11.....	46	1,380,000
" 13.....	103	3,090,000
" 15.....	66	1,980,000
" 16.....	65	1,950,000
" 20.....	23	690,000
" 22.....	8	240,000
" 24.....	10	300,000
Total.....	1135	34,050,000

DISTRIBUTION OF WHITE PERCH.

April	21—Station, Choptank River.....	500,000
"	23—Station, Choptank River.....	1,000,000
"	24—Greensboro, Choptank River.....	1,000,000
"	24—Deep Bend, Choptank River.....	1,000,000
May	5—Little Black Water, Dorchester Co.....	500,000
"	5—Big Black Water, Dorchester Co.....	500,000
"	8—Station Choptank River.....	1,000,000
"	8—Brick Mill, Choptank River.....	1,000,000
"	8—Saw Mill Creek, Choptank River.....	2,000,000
"	9—Station, Choptank River.....	5,000,000
"	10—Williston, Choptank River.....	1,000,000
"	10—Wye Mills, Wye River.....	500,000
"	10—Centreville, Corsica River.....	500,000
"	12—Station, Choptank River.....	1,525,000
Total.....		17,025,000

	SHAD.	<i>Shad Stripped.</i>	<i>Eggs Obtained.</i>
April	16.....	2	56,000
"	18.....	2	56,000
"	19.....	4	112,000
"	21.....	3	84,000
"	22.....	2	56,000
"	24.....	1	28,000
"	27.....	3	84,000
"	30.....	3	84,000
May	2.....	2	56,000
"	4.....	2	56,000
"	6.....	5	140,000
"	7.....	3	84,000
"	9.....	6	168,000
"	10.....	2	56,000
"	11.....	4	112,000
"	12.....	3	84,000
"	15.....	2	56,000
"	16.....	1	28,000
"	18.....	2	56,000
"	19.....	2	56,000
"	21.....	1	28,000
"	23.....	2	56,000
Total.....		57	1,590,000

DISTRIBUTION OF SHAD.

April	26—Station, Choptank River.....	50,000
"	28—Greensboro, Choptank River.....	75,000
"	28—Deep Bend, Choptank River.....	75,000
"	30—Station, Choptank River.....	25,000
May	2—Little Black Water, Dorchester Co.....	75,000
"	2—Big Black Water, Dorchester Co.....	75,000
"	5—Station, Choptank River.....	50,000
"	8—Federalsburg, Nanticoke River.....	100,000
"	10—Wye Mills, Wye River.....	50,000
"	10—Skipton Creek.....	50,000
"	12—Station, Choptank River.....	25,000
"	14—Brick Mill, Choptank River.....	25,000
"	16—Saw Mill Creek, Choptank River.....	25,000

May	18—Station, Choptank River.....	25,000
"	19—Centreville, Corsica River.....	75,000
"	19—Millington, Chester River.....	75,000
"	22—Station, Choptank River.....	75,000
"	24—Williston, Choptank River.....	75,000
"	26—Saw Mill Creek, Choptank River.....	100,000
"	28—Station, Choptank River.....	150,000
Total.....		1,275,000

Choptank Hatching Station, 1915

	YELLOW PERCH.	<i>Perch Stripped.</i>	<i>Eggs Obtained.</i>
March	15.....	120	3,360,000
"	16.....	200	5,600,000
"	17.....	320	8,960,000
"	18.....	120	3,360,000
"	19.....	200	5,600,000
"	20.....	1000	28,000,000
"	23.....	200	5,600,000
Total.....		2160	60,480,000

DISTRIBUTION YELLOW PERCH.

April	10—Station, Choptank River.....	2,880,000
"	12—Greensboro, Choptank River.....	1,500,000
"	13—Horseshoe Bend, Choptank River.....	1,500,000
"	13—Little Black Water, Dorchester Co.....	500,000
"	13—Big Black Water, Dorchester Co.....	500,000
"	13—Transquakin River, Dorchester Co.....	500,000
"	14—Federalsburg, Nanticoke River.....	750,000
"	14—Saw Mill Creek, Choptank River.....	5,000,000
"	14—Station, Choptank River.....	5,000,000
"	15—Wye Mills, Wye River.....	500,000
"	15—Todd's Mill Creek, Choptank River.....	1,000,000
"	16—Station, Choptank River.....	5,000,000
"	16—Millington, Chester River.....	750,000
"	16—Brick Mill, Choptank River.....	1,500,000
"	17—Saw Mill Creek, Choptank River.....	5,000,000
"	17—Todd's Mill Creek, Choptank River.....	1,000,000
"	19—Centreville, Corsica River.....	500,000
"	19—Station, Choptank River.....	10,000,000
"	20—Station, Choptank River.....	5,000,000
Total.....		48,380,000

	WHITE PERCH.	<i>Perch Stripped.</i>	<i>Eggs Obtained.</i>
March	29.....	30	600,000
"	31.....	15	300,000
April	2.....	26	520,000
"	5.....	26	520,000
"	7.....	26	500,000
"	8.....	28	560,000
"	9.....	100	2,020,000
"	10.....	280	5,600,000
"	12.....	30	600,000
"	17.....	25	500,000
Total.....		586	11,720,000

DISTRIBUTION.

April	15—Station, Choptank River.....	500,000
"	19—Greensboro, Choptank River.....	500,000
"	19—Federalsburg, Nanticoke River.....	500,000
"	20—Station, Choptank River.....	1,000,000
"	20—Wye Mills, Wye River.....	500,000
"	23—Little Black Water, Dorchester Co.....	500,000
"	23—Big Black Water, Dorchester Co.....	500,000
"	24—Centreville, Corsica River.....	500,000
"	26—Deep Bend, Choptank River.....	500,000
"	27—Station, Choptank River.....	860,000
Total.....		5,860,000

SHAD.

		<i>Shad Stripped.</i>	<i>Eggs Obtained.</i>
April	16.....	1	30,000
"	21.....	2	60,000
"	22.....	3	90,000
"	24.....	5	150,000
"	26.....	3	90,000
"	27.....	5	150,000
May	3.....	3	90,000
"	4.....	2	60,000
"	6.....	3	90,000
"	8.....	5	150,000
"	10.....	4	120,000
"	12.....	2	60,000
"	15.....	4	120,000
"	17.....	3	90,000
"	18.....	4	120,000
"	20.....	5	150,000
"	22.....	4	120,000
Total.....		58	1,740,000

DISTRIBUTION OF SHAD.

April	24—Station, Choptank River.....	25,000
"	29—Greensboro, Choptank River.....	50,000
May	1—Deep Bend, Choptank River.....	75,000
"	4—Little Black Water, Dorchester Co.....	125,000
"	4—Big Black Water, Dorchester Co.....	75,000
"	4—Transquakine River.....	125,000
"	10—Station, Choptank River.....	75,000
"	12—Brick Mill, Choptank River.....	75,000
"	14—Station, Choptank River.....	75,000
"	15—Federalsburg, Nanticoke River.....	125,000
"	17—Wye Mills, Wye River.....	100,000
"	18—Station, Choptank River.....	50,000
"	20—Williston, Choptank River.....	100,000
"	21—Station, Choptank River.....	150,000
"	23—Centreville, Corsica River.....	100,000
"	27—Station, Choptank River.....	125,000
Total.....		1,375,000

Salisbury Hatching Station, 1914

1914.	PERCH.	<i>Perch Stripped.</i>	<i>Eggs Obtained.</i>
March 17.....		10	300,000
" 18.....		20	600,000
" 19.....		10	300,000
" 20.....		10	300,000
" 23.....		20	600,000
" 24.....		30	900,000
" 25.....		10	300,000
" 26.....		22	660,000
" 27.....		8	240,000
" 30.....		20	600,000
Total.....		160	4,800,000

PERCH DISTRIBUTED.

April 6—	Cambridge, Black Water River.....	1,000,000
March 23—	High Bank, Wicomico River.....	1,000,000
" 25—	Sharp Point, Wicomico River.....	1,500,000
" 30—	Western Branch, Wicomico River.....	1,000,000
Total.....		4,500,000

1914.	SHAD.	<i>Shad Stripped.</i>	<i>Eggs Obtained.</i>
April 4.....		1	30,000
" 6.....		2	60,000
" 8.....		1	30,000
" 9.....		2	60,000
" 10.....		4	120,000
" 13.....		2	60,000
" 14.....		2	60,000
" 15.....		1	30,000
" 17.....		4	120,000
" 20.....		2	60,000
" 22.....		3	90,000
" 23.....		3	90,000
" 27.....		2	60,000
" 28.....		4	120,000
" 30.....		2	60,000
May 1.....		2	60,000
" 4.....		3	90,000
" 5.....		2	60,000
" 7.....		1	30,000
" 8.....		2	60,000
" 11.....		2	60,000
" 13.....		1	30,000
" 14.....		2	60,000
" 15.....		1	30,000
Total.....		51	1,530,000

SHAD DISTRIBUTED.

April 30—	Cambridge, Blackwater River.....	200,000
May 8—	Pocomoke, Pocomoke River.....	250,000
" 14—	Princess Ann, Manokin River.....	200,000

April	10—Salisbury, Wicomico River High Banks.....	100,000
"	14—Sharp Point, Wicomico River.....	250,000
"	20—Eastern Branch, Wicomico River.....	175,000
"	25—Western Branch, Wicomico River.....	150,000
May	19—Sharp Point, Wicomico River.....	125,000
Total.....		1,450,000

		PERCH.	<i>Perch Stripped.</i>	<i>Eggs Obtained.</i>
1915.				
March	17.....		75	1,875,000
"	18.....		70	1,750,000
"	19.....		60	1,530,000
"	20.....		53	1,325,000
"	22.....		124	3,100,000
"	23.....		75	1,875,000
"	24.....		50	1,250,000
"	25.....		34	850,000
"	26.....		42	1,050,000
"	27.....		27	675,000
Total.....			610	15,280,000

DISTRIBUTION OF PERCH.

April	3—Sharp Point, Wicomico River.....	1,500,000
"	5—High Banks, Wicomico River.....	2,000,000
"	8—Cambridge, Black Water River.....	2,000,000
"	9—Veinne, Nanticoke River.....	2,000,000
"	10—Princess Ann, Manokin River.....	2,000,000
"	12—Snow Hill and Pocomoke River.....	3,000,000
"	13—Cambridge, Black Water River.....	1,500,000
Total.....		14,000,000

		SHAD.	<i>Shad Stripped.</i>	<i>Eggs Obtained.</i>
1915.				
April	2.....		2	60,000
"	5.....		1	30,000
"	6.....		3	90,000
"	7.....		1	30,000
"	8.....		1	30,000
"	9.....		3	90,000
"	12.....		2	60,000
"	13.....		2	60,000
"	14.....		4	120,000
"	15.....		2	60,000
"	16.....		2	60,000
"	19.....		5	150,000
"	20.....		1	30,000
"	21.....		4	120,000
"	22.....		3	90,000
"	23.....		3	90,000
"	26.....		1	30,000
"	27.....		1	30,000
"	28.....		4	120,000
"	29.....		3	90,000
"	30.....		1	30,000

		<i>Shad Stripped.</i>	<i>Eggs Obtained.</i>
May	3.....	2	60,000
"	4.....	4	120,000
"	5.....	4	120,000
"	6.....	6	180,000
"	7.....	2	60,000
"	10.....	2	60,000
"	11.....	3	90,000
"	12.....	4	120,000
"	13.....	2	60,000
"	14.....	1	30,000
Total.....		79	2,320,000

DISTRIBUTION OF SHAD.

April	13—Sharp Point, Wicomico River.....	150,000
"	19—High Banks, Wicomico River.....	180,000
"	26—Cambridge	250,000
"	30—Eastern Branch, Wicomico River.....	120,000
May	1—Pocomoke, Pocomoke River.....	225,000
"	4—Princess Ann, Manokin River.....	350,000
"	7—Cambridge	360,000
"	10—Western Branch, Wicomico River.....	200,000
"	14—Sharp Point, Wicomico River.....	90,000
"	18—High Banks, Wicomico River.....	200,000
Total.....		2,125,000

Sharptown Hatching Station, 1914

PERCH.

		<i>Perch Stripped.</i>	<i>Eggs Obtained.</i>
Wed.,	April 1.....	150	4,500,000
Thurs.,	" 2.....	200	6,000,000
Fri.,	" 3.....	105	3,150,000
Mon.,	" 6.....	75	2,250,000
Tues.,	" 7.....	125	3,750,000
Wed.,	" 8.....	300	9,000,000
Thurs.,	" 9.....	262	7,860,000
Fri.,	" 10.....	123	3,690,000
Mon.,	" 13.....	30	900,000
Tues.,	" 14.....	50	1,500,000
Wed.,	" 15.....	25	750,000
Thurs.,	" 16.....	175	5,250,000
Fri.,	" 17.....	25	750,000
Wed.,	" 22.....	16	480,000
Thurs.,	" 23.....	30	900,000
Mon.,	" 27.....	20	600,000
Tues.,	" 28.....	15	450,000
Wed.,	" 29.....	17	510,000
Fri.,	" 31.....	10	300,000
Thurs.,	May 7.....	4	120,000
Mon.,	" 11.....	5	150,000
Total.....		1762	52,860,000

DISTRIBUTION OF PERCH.

Sat.,	April	11—Plum Creek.....	13,650,000
Mon.,	"	13—Conley's Point.....	15,000,000
Tues.,	"	14—Knowles Wharf.....	11,550,000
Sat.,	"	18—Mardela River.....	2,400,000
Thurs.,	"	23—Broad View.....	6,750,000
Mon.,	"	27—Riverton, Nanticoke.....	1,380,000
Fri.,	"	1—Stokes' Wharf.....	1,050,000
Tues.,	"	5—Hurtt's Wharf.....	810,000
Sat.,	"	16—Walnut Landing.....	120,000
Sat.,	"	16—Wilson's Wharf.....	3,150,000
Total.....			52,800,000

SHAD.			<i>Shad Stripped.</i>	<i>Eggs Obtained.</i>
Mon.,	April	20.....	12	360,000
Mon.,	May	4.....	9	270,000
Tues.,	"	5.....	10	300,000
Wed.,	"	6.....	8	240,000
Fri.,	"	8.....	11	330,000
Mon.,	"	11.....	9	270,000
Tues.,	"	12.....	8	240,000
Thurs.,	"	14.....	10	300,000
Fri.,	"	15.....	9	270,000
Mon.,	"	18.....	12	360,000
Tues.,	"	19.....	8	240,000
Wed.,	"	20.....	7	210,000
Thurs.,	"	21.....	10	300,000
Fri.,	"	22.....	9	270,000
Total.....			132	3,960,000

DISTRIBUTION OF SHAD.

Sat.,	April	25—Brook View.....	300,000
Sat.,	May	9—Trittt's Wharf.....	870,000
Tues.,	"	12—Riverton, Nanticoke.....	600,000
Sat.,	"	16—Mardela River.....	540,000
Mon.,	"	18—Knowles Wharf.....	640,000
Thurs.,	"	21—Walnut Landing.....	450,000
Tues.,	"	26—Sharptown, Nanticoke.....	570,000
Total			3,960,000

Sharptown Hatching Station, 1915

PERCH.			<i>Perch Stripped.</i>	<i>Eggs Obtained.</i>
Fri.,	March	19.....	200	5,000,000
Sat.,	"	20.....	...	.....
Mon.,	"	22.....	250	6,250,000
Tues.,	"	23.....	100	2,500,000
Wed.,	"	24.....	200	5,000,000
Thurs.,	"	25.....	...	.....
Fri.,	"	26.....	75	1,875,000
Sat.,	"	27.....	...	.....
Mon.,	"	29.....	125	3,125,000
Tues.,	"	30.....	70	1,500,000
Wed.,	"	31.....	120	3,000,000

			<i>Perch Stripped.</i>	<i>Eggs Obtained.</i>
Thurs.,	April	1	80	2,000,000
Fri.,	"	2	50	1,250,000
Sat.,	"	3	...	...
Mon.,	"	5	100	2,500,000
Tues.,	"	6	50	1,250,000
Wed.,	"	7	20	500,000
Mon.,	"	12	75	1,875,000
Tues.,	"	13	60	1,500,000
Wed.,	"	14	50	1,250,000
Thurs.,	"	15	75	1,875,000
Fri.,	"	16	25	625,000
Sat.,	"	17	...	...
Mon.,	"	19	100	2,500,000
Tues.,	"	20	75	1,875,000
Wed.,	"	21	80	2,000,000
Thurs.,	"	22	125	3,125,000
Fri.,	"	23	150	3,750,000
Sat.,	"	24	...	...
Mon.,	"	26	250	6,250,000
Wed.,	"	28	75	1,875,000
Thurs.,	"	29	50	1,250,000
Fri.,	"	30	60	1,500,000
Sat.,	May	1	...	...
Mon.,	"	3	90	2,250,000
Total			2770	69,250,000

TURNED OUT.

Thurs.,	March	25—Sharpstown, Nanticoke	11,250,000
Mon.,	"	29—Plum Creek	9,375,000
Thurs.,	April	1—Wheatley's Wharf	4,625,000
Tues.,	"	6—Knowles' Wharf	6,250,000
Tues.,	"	13—Cambridge	1,250,000
Sat.,	"	17—Barren Creek	3,000,000
Sat.,	"	17—Riverton	3,375,000
Tues.,	"	20—Tritts' Wharf	3,750,000
Sat.,	"	24—Marsh Hope River	6,375,000
Wed.,	"	28—Cooper's Wharf	6,875,000
Mon.,	May	3—Knowles' Wharf	9,375,000
Sat.,	"	8—Barren Creek	3,750,000
Total			69,250,000

			<i>SHAD.</i>	<i>Shad Stripped.</i>	<i>Eggs Obtained.</i>
Mon.,	April	26	...	5	150,000
Wed.,	"	28	...	10	300,000
Thurs.,	"	29	...	15	450,000
Fri.,	"	30	...	13	390,000
Sat.,	May	1	...	...	...
Mon.,	"	3	...	10	300,000
Wed.,	"	5	...	16	480,000
Thurs.,	"	6	...	14	420,000
Fri.,	"	7	...	9	270,000
Mon.,	"	10	...	12	360,000
Tues.,	"	11	...	8	240,000
Wed.,	"	12	...	4	120,000
Total				116	3,480,000

TURNED OUT.

Fri.,	April	30—Sharptown, Wheatley's Wharf.....	150,000
Wed.,	May	5—Marsh Hope River, Dorchester.....	750,000
Sat.,	"	8—Riverton, Nanticoke.....	690,000
Mon.,	"	10—Mardela Springs.....	900,000
Wed.,	"	12—Sharptown.....	630,000
Sat.,	"	15—Riverton.....	360,000
Total.....			3,480,000

Yellow Perch Hatched at St. Martin's Hatchery

From March 16 to March 31, 1914.

		<i>Eggs Obtained.</i>	<i>Fish Hatched.</i>
March	16.....	2,000,000	1,900,000
"	18.....	2,000,000	1,900,000
"	21.....	2,000,000	1,500,000
"	23.....	2,000,000	1,500,000
"	24.....	2,000,000	1,500,000
"	25.....	5,000,000	3,500,000
"	26.....	4,000,000	3,500,000
"	27.....	4,000,000	3,500,000
"	28.....	4,000,000	3,500,000
"	30.....	3,000,000	2,500,000
"	31.....	4,000,000	3,500,000
		34,000,000	28,300,000

WHERE DEPOSITED.

Big Black Water River.....	2,000,000
St. Martin's River.....	2,000,000
Transquaking River.....	1,000,000
Pocomoke River.....	1,000,000
Showells Creek.....	2,000,000
Perkins Creek.....	2,000,000
Chicaconico River.....	2,000,000
Kingston Creek.....	1,000,000
Manokin River.....	1,000,000
St. Martin's River.....	2,000,000
Macklin Creek.....	1,000,000
Pocomoke River (at Snow Hill).....	1,000,000
Pocomoke River.....	1,000,000
Trappe Creek.....	500,000
Taylor's Creek.....	1,000,000
Ayres' Creek.....	1,500,000
Herring Creek.....	2,000,000
Wicomico River.....	2,000,000
Chicaconico River.....	1,000,000
Chicacone Creek.....	1,000,000
St. Martin's River.....	300,000
	28,300,000

White Perch Hatched at St. Martin's Hatchery

From April 1 to April 9, 1914.

		<i>Eggs Obtained.</i>	<i>Fish Hatched.</i>
April	1.....	1,000,000	900,000
"	3.....	1,000,000	900,000
"	4.....	2,500,000	2,400,000
"	6.....	1,500,000	1,300,000
"	7.....	500,000	300,000
"	8.....	1,200,000	1,000,000
"	9.....	200,000	150,000
		7,900,000	6,950,000

WHERE DEPOSITED.

St. Martin's River.....	1,500,000
Herring Creek.....	1,000,000
Taylor's Creek.....	1,400,000
Showell's Creek.....	550,000
Wicomico River.....	500,000
Pocomoke River.....	500,000
Little Black Water River.....	500,000
St. Martin's River.....	500,000
Manokin River.....	500,000
	6,950,000

Yellow Perch Hatched at St. Martin's Hatchery

From March 4 to March 25, 1915.

		<i>Eggs Obtained.</i>	<i>Fish Hatched.</i>
March	4.....	1,000,000	500,000
"	5.....	1,000,000	500,000
"	6.....	1,000,000	500,000
"	8.....	1,000,000	800,000
"	10.....	1,000,000	800,000
"	11.....	2,000,000	1,500,000
"	13.....	10,000,000	9,000,000
"	15.....	2,000,000	1,500,000
"	16.....	1,000,000	900,000
"	17.....	2,000,000	1,500,000
"	18.....	2,000,000	1,500,000
"	20.....	1,000,000	900,000
"	22.....	5,000,000	4,500,000
"	24.....	4,000,000	3,500,000
"	25.....	2,000,000	1,500,000
		36,000,000	29,400,000

WHERE DEPOSITED.

St. Martin's River.....	3,000,000
Showell Creek.....	2,000,000
Mackton Creek.....	2,500,000
Herring Creek.....	1,500,000

Transquaking River.....	500,000
Big Black Water River.....	1,500,000
Chicacomico River.....	500,000
Ayres Creek.....	1,500,000
Trappe Creek.....	1,000,000
Taylor' Creek.....	1,000,000
Pocomoke River.....	2,000,000
Wicomico River.....	2,000,000
Perkins River.....	1,000,000
Kingston Creek.....	2,000,000
Manokin River.....	2,000,000
Little Black Water River.....	500,000
Newport Creek.....	1,000,000
St. Martin's River.....	3,900,000
	29,400,000

White Perch Hatched at St. Martin's Hatchery

From April 1 to April 10, 1915.

	<i>Eggs Obtained.</i>	<i>Fish Hatched.</i>
April 1.....	1,000,000	900,000
" 2.....	2,000,000	1,500,000
" 3.....	1,000,000	900,000
" 5.....	500,000	400,000
" 6.....	1,000,000	900,000
" 7.....	1,000,000	900,000
" 8.....	500,000	400,000
" 9.....	200,000	100,000
" 10.....	100,000	500,000
	7,300,000	6,500,000

WHERE DEPOSITED.

St. Martin's River.....	1,000,000
Pocomoke River.....	500,000
Wicomico River.....	500,000
Perkins Creek.....	500,000
Showells Creek.....	500,000
Taylor's Creek.....	1,000,000
Pocomoke River.....	1,000,000
Manokin River.....	500,000
Big Black Water River.....	500,000
St. Martin's River.....	500,000
	6,500,000

A List of Fish Commissioners of All States of the Union

ALABAMA (State Game and Fish Commissioner).

John H. Wallace, Jr., Montgomery, Ala.

ARIZONA (State Game Warden).

Frank W. Rodgers, Phoenix, Ariz.

ARKANSAS.

No Commission. Violations to be reported to the Sheriff by laws in force September 1, 1912. Copy of Game Laws issued by the Secretary of State, Earle W. Hodges, Esq., Little Rock, Ark.

CALIFORNIA (Fish and Game Commission).

F. M. Newbert, President, Sacramento, Calif.

COLORADO (State Game and Fish Commissioner).

James A. Shinn, Denver, Colo.

CONNECTICUT (State Board of Fisheries and Game).

Caspar F. Goodrich, Pomfret, Conn., July 1, 1915.

William McMullen, Somers, Conn., July 1, 1915.

Leonard J. Sanford, New Haven, Conn., July 1, 1915.

William K. Mollan, Bridgeport, Conn., July 1, 1915.

Philip C. Arnold, Haddam, Conn., July 1, 1917.

Charles H. Pease, Canaan, Conn., July 1, 1917.

Frank W. Howes, Groton, Conn., July 1, 1917.

E. Hart Fenn, Wethersford, Conn., July 1, 1917.

DELAWARE (Board of Game and Fish Commissioners).

Edward G. Bradford, Jr., Wilmington, Del., September 19, 1917.

Henry Clay Davis, Laurel, Del., September 19, 1915.

John P. Lefevre, Chief Warden, Dover, Del.

FLORIDA (State Game and Fish Commissioner).

Hon. E. Z. Jones, Jacksonville, Fla.

GEORGIA (State Game and Fish Commissioner).

Jesse E. Mercer, Atlanta, Ga.

IDAHOO (State Fish and Game Warden).

O. H. Barber, Boise City, Idaho.

ILLINOIS (Fish and Game Commissioners).

C. J. Dittmar, President, Springfield, Ill.

INDIANA (State Fish and Game Commissioner).

George W. Lapp, Indianapolis, Ind.

IOWA (Fish and Game Warden).

E. C. Hinshaw, Spirit Lake, Iowa.

KANSAS (State Game and Fish Warden).

L. L. Dyche, Pratt, Kan.

KENTUCKY (Fish and Game Commission).

James G. Sache, Chairman, Louisville, Ky.

LOUISIANA (Fish and Game Commissioner).

Hon. M. L. Alexander, New Orleans, La.

MAINE.

Henry D. S. Woodbury, Commissioner of Sea and Shore Fisheries, Portland, Me.

John S. P. H. Wilson, Commissioner of Inland Fisheries, Auburn, Me.

MARYLAND (Fish Commissioners).

Edward S. Phillips, Cambridge, Md.

William A. Smith, Hoya, Md.

MASSACHUSETTS (Commissioners of Fisheries and Game).

William C. Adams, Boston, Mass.

George W. Field, Chairman, Sharon, Mass.

George H. Graham, Springfield, Mass.

W. Raymond Collins, Clerk, Boston, Mass.

MICHIGAN (State Board of Fish Commissioners).

Delbert H. Powen, President, 607 Stephens Bldg., Detroit, Mich.

MINNESOTA (Game and Fish Commissioner).

George J. Bradley, President, Norwood, Minn.

MISSISSIPPI.

Has no Commission for want of State appropriation.

MISSOURI (State Game and Fish Commissioner).

Hon. Jesse B. Jones, Jefferson City, Mo.

MONTANA (State Fish Commission).

E. P. Mathewson, President, Anaconda, Mont.

NEBRASKA (Game and Fish Commission).

The Governor is the Commissioner, but all transactions are to be made with the deputy.

Gust. Rutenbach, Chief Deputy, Lincoln, Neb.

NEVADA (Fish Commissioner).

George T. Mill, Carson City, Nev.

NEW HAMPSHIRE (Fish and Game Commissioner).

Hon. Frank J. Beal, Concord, N. H.

NEW JERSEY (Board of Fish and Game Commissioners).

Ernest Napier, President, East Orange, N. J.

William A. Logue, Treasurer, Bridgeton, N. J.

NEW MEXICO (State Game and Fish Warden).

Trinidad C. DeBaca, Santa Fe, N. Mex.

NEW YORK (Conservation Commission).

George E. Van Kennan, Chairman, Albany, N. Y.

NORTH CAROLINA (Fish Commissioner).

L. H. LeRoy, Elizabeth City, N. C.

NORTH DAKOTA (State Fish and Game Board).

Capt. R. W. Main, Chief, Cando, N. Dak.

OHIO (Fish and Game Commission of Ohio).

Gen. John C. Speaks, Columbus, Ohio.

OKLAHOMA (State Game and Fish Warden).

John S. Dolin, Oklahoma City, Okla.

OREGON (State Game Warden).

William L. Finley, Portland, Ore.

PENNSYLVANIA (Fish Commissioners).

Nathan R. Buller, Pleasant Mount, Wayne Co., Pa.

RHODE ISLAND (Commissioner of Inland Fisheries).

Charles W. Willard, President, Westerly, R. I.

SOUTH CAROLINA (Fish Commissioners).

William L. Harrigan, Chairman, Georgetown, S. C.

SOUTH DAKOTA (Game Warden).

H. S. Hedrick, Pierre, S. Dak.

TENNESSEE (Fish, Game and Forestry Commissioner).

W. D. Howser, Nashville, Tenn.

TEXAS (Game, Fish and Oyster Commissioner).

W. G. Sterret, Austin, Texas.

UTAH (Fish and Game Commissioner).

Fred W. Chambers, Salt Lake City, Utah.

VERMONT (Fish and Game Commissioner).

Hon. John W. Titcomb, Lyndonville, Vt.

VIRGINIA (Commissioner of Fisheries).

W. McDonald Lee, Irvington, Va.

WASHINGTON (State Fish Commissioner).

L. H. Darwin, Bellingham, Wash.

WEST VIRGINIA (Forest, Game and Fish Warden).

J. A. Viquesney, Belington, W. Va.

WISCONSIN (Commissioner of Fisheries).

Jabe Alford, Madison, Wis.

WYOMING (State Fish Commissioner).

John J. Lenahan, Laramie, Wyo.

